INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/13413

A. CLASSIFICATION OF SUBJECT MATTER			
IPC(7) : C08K 5/55; C08L 27/12; F28F 7/00			
US CL : 524/185,544,545; 165/185			
According to International Patent Classification (IPC) or to both national classification and IPC			
	DS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)			
U.S.: 524/183,184,520			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
In-House search tool: East, Inventor search in U.S. Patents and PGPubs			
an room search tool. 22st, inventor search in O.S. Fatelits and POPuls			
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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
DERWENT, JPO, EPO databases			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where ap		Relevant to alaim No.
Х	US 5,011,872 A (LATHAM et al) 30 April 1991 (30	0.04.1991), claims 1-4, column 2, lines	1-11
	6-8, 33-36, 47-50; column 3, lines 15-22, 46	,,	
x	US 6,246,035 B1 (OKUDA) 12 June 2001 (12.06.20	(01) abetmet elaime 1-4 6 and 9 col	1-11
"	5, lines 27-38.		
Х	JP 56-000837 A (NAKAJIMA et al) 01 July 1981 (0	1.07.1981), abstract, page 271, table.	1-4 and 8-11
X	US 2003/0043586 A1 (SAGAL et al) 6 March 2003	(06.03.2003), abstract, claims 1, 3, 4,	1-2, 4-5, and 8-11
	and 7.		
x			
^	DERWENT 1980-29808 C abstract of JP 55-017944 A (SUMITOMO ELECTRIC IND) 1-7 and 11		
	1980 (1980), see entire abstract.		
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Further	documents are listed in the continuation of Box C.	See patent family annex.	
Special categories of cited documents: "T" later document published after the international filing date or priority			
date and not in conflict with the application but cited to understant			
"A" document defining the general state of the art which is not considered to be principle or theory underlying the invention			nuon
of particular relevance			
		"X" document of particular relevance, the	
"E" earlier ap	plication or patent published on or after the international filing date	considered novel or cannot be conside	red to involve an inventive step
when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to			
	the publication date of another citation or other special reason (as	"Y" document of particular relevance; the	claumed invention cannot be
specified)		considered to involve an inventive step	
1		combined with one or more other such	
"O" document	referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in th	e art
P document			
"P" document published prior to the international filing date but later than the "d." document mentiber of the same patent family priority date claimed			
Date of the actual completion of the international search Date of mailing of the international search report			
91 007 2004			
10 September 2004 (10.09.2004) 21 OCT 2004			
		Authorized officer	
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